



2006

Survey of Doctorate Recipients

Conducted by
the National Opinion Research Center
at the University of Chicago for:



National Science Foundation

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NOTE:

Text boxes contain names of SAS variables.

Recode variables derived from reported
information are noted in red.

* denotes availability on public use version

Part A - Employment Situation

LFSTAT*

- A1.** Were you working for pay or profit during the week of April 1, 2006?

Working includes being self-employed, on a postdoctoral appointment, or on any type of paid or unpaid leave, including vacation.

Use an X to mark your answer.

WRKG*

1 ☐ Yes → **Go to page 2, question A8**

2 ☐ No

- A2.** (If No) Did you look for work during the four weeks preceding April 1, 2006? This would be between March 4th and April 1st.

LOOKWK*

1 ☐ Yes

2 ☐ No

- A3.** What were your reasons for not working during the week of April 1, 2006?

Mark Yes or No for each item.

Yes No

↓ ↓
1 ☐ 2 ☐

1 Retired 1 ☐ 2 ☐

Year retired

If Yes →

NWRTYR

NWLAY*

2 On layoff from a job 1 ☐ 2 ☐

NWSTU*

3 Student 1 ☐ 2 ☐

NWFAM*

4 Family responsibilities 1 ☐ 2 ☐

NWILL

5 Chronic illness or permanent disability 1 ☐ 2 ☐

NWOCNA*

6 Suitable job not available 1 ☐ 2 ☐

NWNOND*

7 Did not need or want to work 1 ☐ 2 ☐

NWOT

8 Other – Specify ✓ 1 ☐ 2 ☐

NWOTP*

- A4.** Prior to the week of April 1, 2006, when did you last work for pay or profit?

0 ☐ ← Mark this box if you never worked for pay or profit and then go to page 9, question D1

LWNVN

Month

Year

LAST WORKED

LWMN

LWYR

LWYRP*

- A5.** What was the title of the last job you held prior to the week of April 1, 2006?

Example: Physics professor

- A6.** What kind of work were you doing on this last job – that is, what were your duties and responsibilities on your last job? Please be as specific as possible, including any area of specialization.

Example: Taught physics and conducted research.
Specialized in high energy physics.

- A7.** Using the JOB CATEGORY list on pages 13-14, choose the code that best describes the last job you held prior to the week of April 1, 2006.

CODE

→ Go to page 7,
question A38

NOCLST

NOCMLST*

NOCNLST

Principal Employer

A8. Who was your principal employer during the week of April 1, 2006?

If you had more than one job, report the one for which you worked the most hours that week.

If your employer had more than one location, report the location that employed you.

If you worked for a contracting or consulting company, report the name of that company, not the client organization.

Employer Name	INSTCOD
Department/Division	CARNEG
	CARN05C
City/Town	PUBPRI
	PBPR05C
State	EMST
ZIP Code	EMRG
	EMUS

A9. What was that employer's main business or industry; that is, what did that employer make or do?

If your principal employer had more than one type of business, report the type of business primarily performed at the location where you worked.

Example: Production of microprocessor chips

EMPLOYER'S MAIN BUSINESS

A10. Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.

Mark one answer. **EMSIZE***

- 1 ☐ 10 or fewer employees
 2 ☐ 11 - 24 employees
 3 ☐ 25 - 99 employees
 4 ☐ 100 - 499 employees
 5 ☐ 500 - 999 employees
 6 ☐ 1,000 - 4,999 employees
 7 ☐ 5,000 - 24,999 employees
 8 ☐ 25,000+ employees

A11. Which one of the following best describes your principal employer during the week of April 1, 2006? Were you...

Mark one answer. **NEDTP**

SELF-EMPLOYED or a BUSINESS OWNER

- 1 ☐ In a non-incorporated business, professional practice, or farm
 2 ☐ In an incorporated business, professional practice, or farm

PRIVATE SECTOR employee

- 3 ☐ In a for-profit company or organization
 4 ☐ In a non-profit organization (including tax-exempt and charitable organizations)

GOVERNMENT employee

- 5 ☐ In a local government (e.g., city, county, school district)
 6 ☐ In a state government (including state colleges/universities)
 7 ☐ In the U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
 8 ☐ In the U.S. government (e.g., civilian employee)

OTHER type of employee

- 9 ☐ Other – *Specify type of employer* ☐

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A12. Was your principal employer an educational institution?

EMED

- 1 ☐ Yes
 2 ☐ No → Go to page 3, question A17

A13. (If Yes) Was the educational institution where you worked a...

Mark one answer. **EDTP**

- 1 ☐ Preschool, elementary, middle, } **Go to page 3, question A17**
 or secondary school or system }
 2 ☐ Two-year college, community college, or technical institute
 3 ☐ Four-year college or university, other than a medical school
 4 ☐ Medical school (including university-affiliated hospital or medical center)
 5 ☐ University-affiliated research institute
 6 ☐ Other – *Specify* ☐

EMTP

EMSECDT

EMSECSM

EMSECPB*

A14. During the week of April 1, 2006, what type of academic position(s) did you hold at this institution?

Mark Yes or No for each item.

		Yes	No
ACADNA*			
ACADPRES	1 President, Provost or Chancellor (any level).....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADDEAN	2 Dean (any level), department head or chair	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADRCHF*	3 Research faculty, scientist, associate or fellow	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADTCHF*	4 Teaching faculty	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADADJF*	5 Adjunct faculty.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADPOC*	6 Postdoc (e.g., postdoctoral fellow or associate)	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADRA	7 Research assistant	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADTA	8 Teaching assistant.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADOTHR	9 Other position – Specify <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>
ACADADMN*			
ACADOTHP*			

Note: ACADNA (not applicable) was added after data collection started and is derived from verbatim responses.

A15. What was your faculty rank?

Mark one answer.

FACRANK

- 1 ☐ Not applicable: no ranks designated at this institution
- 2 ☐ Not applicable: no ranks designated for my position
- 3 ☐ Professor
- 4 ☐ Associate Professor
- 5 ☐ Assistant Professor
- 6 ☐ Instructor
- 7 ☐ Lecturer
- 8 ☐ Other – Specify ☐

A16. What was your tenure status?

Mark one answer.

TENSTA

TENI

- 1 ☐ Not applicable: no tenure system at this institution
- 2 ☐ Not applicable: no tenure system for my position
- 3 ☐ Tenured
- 4 ☐ On tenure track but not tenured
- 5 ☐ Not on tenure track

Principal Job

A17. What was the title of the principal job you held during the week of April 1, 2006?

Example: Physics professor

A18. What kind of work were you doing on this job – that is, what were your duties and responsibilities on your principal job? Please be as specific as possible, including any area of specialization.

Example: Taught physics and conducted research. Specialized in high energy physics.

A19. Using the JOB CATEGORY list on pages 13-14, choose the code that best describes the principal job you held during the week of April 1, 2006.

NOCPR

NOCPRMG*

NOCPRPB*

CODE

NOCPRNG

A20. Was this job a “postdoc?”

A “postdoc” is a temporary position awarded in academe, industry, a non-profit organization or government primarily for gaining additional education and training in research.

- 1 ☐ Yes
- 2 ☐ No

PDIX

A21. During what month and year did you start this job (that is, the principal job you held during the week of April 1, 2006)?

Month Year

PRINCIPAL JOB STARTED

STRTMN STRTYR

A22. To what extent was your work on your principal job related to your first U.S. doctoral degree? Was it...

Mark one answer.

OCEDRLP*

1 ☐ Closely related

2 ☐ Somewhat related

3 ☐ Not related

→ Go to question A25

A23. (If Not related) Did these factors influence your decision to work in an area outside the field of your first U.S. doctoral degree?

Mark Yes or No for each item.

Yes No

NRPAY* 1 Pay, promotion opportunities 1 ☐ 2 ☐

NRCON* 2 Working conditions (e.g., hours, equipment, working environment) 1 ☐ 2 ☐

NRLOC* 3 Job location 1 ☐ 2 ☐

NRCHG* 4 Change in career or professional interests 1 ☐ 2 ☐

NRFAM* 5 Family-related reasons (e.g., children, spouse's job moved) 1 ☐ 2 ☐

NROCNA* 6 Job in doctoral degree field not available 1 ☐ 2 ☐

NROT* 7 Some other reason – Specify ☒ 1 ☐ 2 ☐

A24. Which two factors in question A23 were your most important reasons for working in an area outside the field of your first U.S. doctoral degree?

Enter number of appropriate reason from question A23 above.

NRREA* 1 Most important reason

NRSEC* 2 Second most important reason
(Enter "0" if no second reason)

A25. The next question is about your work activities on your principal job. Which of the following work activities occupied at least 10 percent of your time during a typical work week on this job?

Mark Yes or No for each item.

Yes No

WAACC*

1 Accounting, finance, contracts 1 ☐ 2 ☐

WABRSH*

2 Basic research – study directed toward gaining scientific knowledge primarily for its own sake 1 ☐ 2 ☐

WAAPRSH*

3 Applied research – study directed toward gaining scientific knowledge to meet a recognized need 1 ☐ 2 ☐

WADEV*

4 Development – using knowledge gained from research for the production of materials, devices 1 ☐ 2 ☐

WADSN*

5 Design of equipment, processes, structures, models 1 ☐ 2 ☐

WACOM*

6 Computer programming, systems or applications development 1 ☐ 2 ☐

WAEMRL*

7 Human resources – including recruiting, personnel development, training ACTCAP*

WAMGMT*

8 Managing or supervising people or projects ACTDED*

WAPROD*

9 Production, operations, maintenance (e.g., chip production, operating lab equipment) ACTMGT*
ACTRES*

WASVC*

10 Professional services (e.g., health care, counseling, financial services, legal services) ACTRD*
ACTRDT*

WASALE*

11 Sales, purchasing, marketing, customer service, public relations ACTTCH*

WAQM*

12 Quality or productivity management 1 ☐ 2 ☐

WATEA*

13 Teaching 1 ☐ 2 ☐

WAOT*

14 Other – Specify ☒ 1 ☐ 2 ☐

A26. On which two activities in question A25 did you work the most hours during a typical week on this job?

Enter number of appropriate activity from question A25 above.

WAPRI*

1 Activity most hours

WASEC*

2 Activity second most hours
(Enter "0" if no second most)

WAPRSM*

WASCSM*

A27. In performing the principal job you held during the week of April 1, 2006, did you...

Mark Yes or No for each item.

Yes	No
↓	↓

- | | | | | |
|----------|---|---|----------------------------|----------------------------|
| WKTEAM* | 1 | Work with an immediate work group or team?..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| WKSORG* | 2 | Work with others in the same organization (company, university, agency, etc.), but not the same group or team?..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| WKUSORG* | 3 | Work with individuals in other organizations in the U.S.?..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ICOLLAB* | 4 | Work with individuals located in other countries? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

If Yes to Item 4, go to question A28.

If No to Item 4, go to question A30.

A28. (If Yes to Item 4 above) Did your work with individuals located in other countries involve...

Mark Yes or No for each item.

Data from this question will not be released due to data quality problems.

Yes	No
↓	↓

- | | | | |
|---|--|----------------------------|----------------------------|
| 1 | Sharing data or information? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 2 | Sharing materials, equipment, or facilities? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 3 | Preparing a joint publication? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 4 | Jointly developing or designing a product, process, or program?..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 5 | Collaborating on a research project? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 6 | Other type of work? – Specify <input type="checkbox"/> | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

A29. In your work with individuals located in other countries, did you...

Mark Yes or No for each item.

Yes	No
↓	↓

- | | | | | |
|---------|---|---|----------------------------|----------------------------|
| ICCOMM* | 1 | Communicate by telephone or e-mail to conduct the work?..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ICWBVT* | 2 | Use web-based or virtual technology to conduct the work? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ICTRLA* | 3 | Travel to a foreign country for collaborative activities? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ICTRLH* | 4 | Work with foreign collaborator(s) who traveled to the U.S. to meet with you?..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

A30. Did you supervise the work of others as part of the principal job you held during the week of April 1, 2006?

Mark "Yes" if you recommended or initiated personnel actions such as hiring, firing, evaluating, or promoting others.

SUPWK*

Teachers should not count students.1 ☐ Yes2 ☐ No → Go to question A32**A31. (If Yes) How many people did you typically...**

Number Supervised

SUPDIR

1 Supervise directly?

(If none, enter "0")

2 Supervise indirectly through subordinate supervisors?

SUPIND

(If none, enter "0")

A32. How would you rate your overall satisfaction with the principal job you held during the week of April 1, 2006?

JOBSATIS*

Mark one answer.

1 ☐ Very satisfied2 ☐ Somewhat satisfied3 ☐ Somewhat dissatisfied4 ☐ Very dissatisfied

A33. As of the week of April 1, 2006, what was your basic annual salary on your principal job, before deductions?

Do not include bonuses, overtime or additional compensation for summertime teaching or research.

If you are not salaried, please estimate your earned income, excluding business expenses.

\$, .00

ANNUAL SALARY OR EARNED INCOME

SALARY

SALARP*

A34. Was this salary based on a 52-week year, or less than that?

WKSYSR

Include paid vacation and sick leave.

1 ☐ 52-week year

WKSWK

WKSWKP*

2 ☐ Less than 52 weeks

NUMBER OF WEEKS
PER YEAR

WKSLYR

A35. During a typical week on your principal job, how many hours did you work?

NUMBER OF HOURS
WORKED PER WEEK

HRSWK

HRSWKP*

If fewer than 35 hours, go to question A36.

If 35 or more hours, go to page 7, question A38.

A36. (If fewer than 35 hours) Did you want to work 35 or more hours per week on your principal job?

1 ☐ Yes

PJWTF*

2 ☐ No

A37. For which of the following reasons did you usually work fewer than 35 hours per week on the principal job you held during the week of April 1, 2006?

Mark Yes or No for each item.

Yes No
↓ ↓

PJRET

1 Previously retired or semi-retired 1 ☐ 2 ☐

Year retired

If Yes →

PJRETYR

PJSTU

2 Student 1 ☐ 2 ☐

PJFAM*

3 Family responsibilities 1 ☐ 2 ☐

PJILL

4 Chronic illness or permanent disability 1 ☐ 2 ☐

PJNOND*

5 Did not need or want to work more hours 1 ☐ 2 ☐

PJOT

6 Other – Specify ☐ 1 ☐ 2 ☐

PJOTP*

PJOCNA*

PJHAJ

Note: PJOCNA (Full-time job not available) and PJHAJ (Hold another job) were added after data collection started and are derived from verbatim responses.

A38. Since completing your first doctoral degree, how many “postdocs,” if any, have you held? Please include any postdocs you held through April 1, 2006.

A “postdoc” is a temporary position awarded in academe, industry, a non-profit organization or government primarily for gaining additional education and training in research.

PDIXNO 0 ☐ ← Mark this box if None and go to page 8, question A41

NUMBER OF POSTDOCS

PDIXS

A39. Please provide the following information for each postdoc reported in A38.

CURRENT OR MOST RECENT POSTDOC	SECOND MOST RECENT POSTDOC	THIRD MOST RECENT POSTDOC
<p>a. Date postdoc started and ended (or date you left)</p> <p>Month Year</p> <p>STARTED: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>ENDED: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><i>If currently in postdoc, enter “0000” for year ended</i></p> <p>b. What was your <u>primary</u> reason for taking this postdoc? <input type="text"/></p> <p>Mark one answer.</p> <p>1 <input type="checkbox"/> Additional training in PhD field</p> <p>2 <input type="checkbox"/> Training in an area outside of PhD field</p> <p>3 <input type="checkbox"/> Work with a specific person or place</p> <p>4 <input type="checkbox"/> Other employment not available</p> <p>5 <input type="checkbox"/> Postdoc generally expected for a career in this field</p> <p>6 <input type="checkbox"/> Some other reason – Specify <input type="text"/></p> <p>c. Which sector <u>best</u> describes where you worked for this postdoc? <input type="text"/></p> <p>Mark one answer.</p> <p>1 <input type="checkbox"/> Educational institution</p> <p>2 <input type="checkbox"/> For-profit or non-profit company/organization</p> <p>3 <input type="checkbox"/> Government (any level)</p> <p>4 <input type="checkbox"/> Other – Specify <input type="text"/></p> <p>d. For this postdoc position, did your employer provide...</p> <p>Mark Yes or No for each item.</p> <p>Yes No</p> <p>1 Health benefits? 1 <input type="checkbox"/> 2 <input type="checkbox"/></p> <p>2 Retirement benefits? 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>	<p>a. Date postdoc started and ended (or date you left)</p> <p>Month Year</p> <p>STARTED: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>ENDED: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>b. What was your <u>primary</u> reason for taking this postdoc? <input type="text"/></p> <p>Mark one answer.</p> <p>1 <input type="checkbox"/> Additional training in PhD field</p> <p>2 <input type="checkbox"/> Training in an area outside of PhD field</p> <p>3 <input type="checkbox"/> Work with a specific person or place</p> <p>4 <input type="checkbox"/> Other employment not available</p> <p>5 <input type="checkbox"/> Postdoc generally expected for a career in this field</p> <p>6 <input type="checkbox"/> Some other reason – Specify <input type="text"/></p> <p>c. Which sector <u>best</u> describes where you worked for this postdoc? <input type="text"/></p> <p>Mark one answer.</p> <p>1 <input type="checkbox"/> Educational institution</p> <p>2 <input type="checkbox"/> For-profit or non-profit company/organization</p> <p>3 <input type="checkbox"/> Government (any level)</p> <p>4 <input type="checkbox"/> Other – Specify <input type="text"/></p> <p>d. For this postdoc position, did your employer provide...</p> <p>Mark Yes or No for each item.</p> <p>Yes No</p> <p>1 Health benefits? 1 <input type="checkbox"/> 2 <input type="checkbox"/></p> <p>2 Retirement benefits? 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>	<p>a. Date postdoc started and ended (or date you left)</p> <p>Month Year</p> <p>STARTED: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>ENDED: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>b. What was your <u>primary</u> reason for taking this postdoc? <input type="text"/></p> <p>Mark one answer.</p> <p>1 <input type="checkbox"/> Additional training in PhD field</p> <p>2 <input type="checkbox"/> Training in an area outside of PhD field</p> <p>3 <input type="checkbox"/> Work with a specific person or place</p> <p>4 <input type="checkbox"/> Other employment not available</p> <p>5 <input type="checkbox"/> Postdoc generally expected for a career in this field</p> <p>6 <input type="checkbox"/> Some other reason – Specify <input type="text"/></p> <p>c. Which sector <u>best</u> describes where you worked for this postdoc? <input type="text"/></p> <p>Mark one answer.</p> <p>1 <input type="checkbox"/> Educational institution</p> <p>2 <input type="checkbox"/> For-profit or non-profit company/organization</p> <p>3 <input type="checkbox"/> Government (any level)</p> <p>4 <input type="checkbox"/> Other – Specify <input type="text"/></p> <p>d. For this postdoc position, did your employer provide...</p> <p>Mark Yes or No for each item.</p> <p>Yes No</p> <p>1 Health benefits? 1 <input type="checkbox"/> 2 <input type="checkbox"/></p> <p>2 Retirement benefits? 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>

A40. To what extent did your most recent (or current) postdoctoral appointment...

Mark one answer for each item.

Great
Extent
↓
Some-
what
↓
Not
at All
↓

- PDRIK*** 1 Increase your subject matter knowledge or expertise? 1 ☐ 2 ☐ 3 ☐
- PDRIS*** 2 Improve specific research skills or techniques? 1 ☐ 2 ☐ 3 ☐
- PDRIC*** 3 Increase contacts with colleagues in your field? 1 ☐ 2 ☐ 3 ☐
- PDRPO*** 4 Provide opportunities to use specialized equipment? 1 ☐ 2 ☐ 3 ☐
- PDRIP*** 5 Improve your problem-solving skills? 1 ☐ 2 ☐ 3 ☐
- PDREC*** 6 Enhance your career opportunities? 1 ☐ 2 ☐ 3 ☐
- PDROT*** 7 Help in other areas? – Specify ☐ 1 ☐ 2 ☐ 3 ☐

A41. Thinking back now to 2005, was any of your work during 2005 supported by contracts or grants from the U.S. government?

FEDERAL EMPLOYEES: Please answer "No."

Mark one answer.

GOVSUP*

- 0 ☐ Did not work in 2005 → **Go to question B1 on this page**
- 1 ☐ Yes
- 2 ☐ No
- 3 ☐ Don't know

A42. Counting all jobs held in 2005, what was your total earned income for 2005, before deductions?

Include all wages, salaries, bonuses, overtime, commissions, consulting fees, net income from businesses, summertime teaching or research, or other work associated with scholarships.

\$, .00

TOTAL 2005 EARNED INCOME

EARN**Part B - Past Employment****B1. Were you working for pay or profit during both of these time periods – the week of October 1, 2003 and the week of April 1, 2006?**1 ☐ Yes**WRKGP***2 ☐ No → **Go to page 9, question C1****B2. (If Yes) During these two time periods – the week of October 1, 2003, and the week of April 1, 2006 – were you working for...**

Mark one answer.

EMSMI*

- 1 ☐ Same employer and in same type of job } **Go to page 9, question C1**
- 2 ☐ Same employer but in different type of job
- 3 ☐ Different employer but in same type of job
- 4 ☐ Different employer and in different type of job

B3. (If Different) Why did you change your employer or your job?

Mark Yes or No for each item.

Yes No
↓ ↓

- CHPAY** 1 Pay, promotion opportunities 1 ☐ 2 ☐
- CHCON** 2 Working conditions (e.g., hours, equipment, working environment) 1 ☐ 2 ☐
- CHLOC** 3 Job location 1 ☐ 2 ☐
- CHCHG** 4 Change in career or professional interests 1 ☐ 2 ☐
- CHFAM** 5 Family-related reasons (e.g., children, spouse's job moved) 1 ☐ 2 ☐
- CHSCH** 6 School-related reasons (e.g., returned to school, completed a degree) 1 ☐ 2 ☐
- CHLAY** 7 Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended) 1 ☐ 2 ☐
- CHRET** 8 Retired 1 ☐ 2 ☐
- CHOT** 9 Some other reason – Specify ☐ 1 ☐ 2 ☐

Part C - Other Work-Related Experiences

C1. During the past 12 months, did you take any work-related training, such as workshops or seminars?

Include conferences or professional meetings only if you attended a training session at the conference or meeting.

Do not include college coursework for which you were enrolled in a degree program.

1 ☐ Yes

WKTRNI*

2 ☐ No → Go to question D1 on this page

C2. (If Yes) For which of the following reasons did you take training during the past 12 months?

Mark Yes or No for each item.

Yes No
↓ ↓

WTRSKL*

1 To improve skills or knowledge in your current occupational field 1 ☐ 2 ☐

WTROPPS*

2 To increase opportunities for promotion or advancement in your current occupational field 1 ☐ 2 ☐

WTRLIC*

3 For licensure or certification in your current occupational field 1 ☐ 2 ☐

WTRCHOC*

4 To facilitate a change to a different occupational field 1 ☐ 2 ☐

WTREM*

5 Required or expected by employer 1 ☐ 2 ☐

WTRPERS*

6 For leisure or personal interest 1 ☐ 2 ☐

WTROT*

7 Other – Specify _____ 1 ☐ 2 ☐

C3. What was your most important reason from question C2 for taking training?

Enter number of appropriate reason from question C2 above.

MOST IMPORTANT REASON

WTREASN*

Part D - Recent Educational Experiences

D1. Between October 2003 and March 2006, did you complete another degree, such as a master's or another doctorate?

1 ☐ Yes

TCDGCMPI*

2 ☐ No → Go to page 10, question E1

D2. (If Yes) What type of degree did you earn?

If you completed more than one degree, mark the level for the highest degree awarded.

Mark one answer.

1 ☐ Bachelor's degree (e.g., BS, BA, AB)

2 ☐ Master's degree (e.g., MS, MA, MBA)

3 ☐ Doctorate (e.g., PhD, DSc, EdD, etc.)

4 ☐ Other professional degree (e.g., JD, LLB, MD, DDS, DVM, etc.) – Specify _____

5 ☐ Other – Specify _____

D3. What was the primary field of study for this degree?

PRIMARY FIELD OF STUDY

D4. In what month and year was this degree awarded?

Month

Year

DEGREE AWARDED

2 0 0

D5. From which academic institution did you receive this degree?

College or University Name

Department

City/Town

State/Foreign Country

D6. For which of the following reasons did you obtain this degree?

Mark Yes or No for each item.

Yes	No
↓	↓

MRCAR* 1 To gain further education before beginning a career 1 ☐ 2 ☐

MRGRD 2 To prepare for graduate school or further education 1 ☐ 2 ☐

MRCHG* 3 To change your academic or occupational field 1 ☐ 2 ☐

MRSKL* 4 To gain further skills or knowledge in your academic or occupational field 1 ☐ 2 ☐

MRLIC* 5 For licensure or certification 1 ☐ 2 ☐

MRADV* 6 To increase opportunities for promotion, advancement or higher salary 1 ☐ 2 ☐

MREM 7 Required or expected by employer 1 ☐ 2 ☐

MRINT* 8 For leisure or personal interest 1 ☐ 2 ☐

MROT 9 Other – Specify 1 ☐ 2 ☐

MROTP*

CH6

CHUN12*

CHU2IN*

CH25IN*

CH6IN*

CH611IN*

CH1218IN*

CH19IN*

Part E - Demographic Information**E1. On April 1, 2006, were you...**

Mark one answer.

MARSTA

MARIND

- 1 ☐ Married
- 2 ☐ Living in a marriage-like relationship
- 3 ☐ Widowed
- 4 ☐ Separated
- 5 ☐ Divorced
- 6 ☐ Never married

Go to
question E3**E2. (If Married or Living in a marriage-like relationship) During the week of April 1, 2006, was your spouse or partner working?**

SPOWK

- 1 ☐ Yes, full-time
- 2 ☐ Yes, part-time
- 3 ☐ No

E3. As of the week of April 1, 2006, did you have any children living with you as part of your family?

Only count children who lived with you at least 50 percent of the time.

CHLVIN

- 1 ☐ Yes
- 2 ☐ No → Go to page 11, question E5

E4. (If Yes) How many of these children living with you as part of your family were...

If no children in a category, enter "0."

Number of
Children

1 Under age 2

CHU2

2 Aged 2-5

CH25

3 Aged 6-11

CH611

4 Aged 12-18

CH1218

5 Aged 19 or older

CH19

CHTOTPB*

E5. On April 1, 2006, were you living in the United States, Puerto Rico, or another U.S. territory, or were you living in another country?

- 1 ☐ United States, Puerto Rico, or another U.S. territory
- 2 ☐ Another country

FNINUS

E6. On April 1, 2006, were you a...

- 1 ☐ U.S. citizen
- 2 ☐ Non-U.S. citizen → **Go to question E8**

CTZUSIN*

CTZN

E7. (If U.S. citizen) Were you a U.S. citizen...

Mark one answer.

- 1 ☐ Born in the United States, Puerto Rico, or another U.S. territory
- 2 ☐ Born abroad of American parent(s)
- 3 ☐ By naturalization

**Go to
question
E10**

CTZUS*

E8. (If Non-U.S. citizen) Were you a non-U.S. citizen...

- 1 ☐ With a Permanent U.S. Resident Visa (Green Card)
- 2 ☐ With a Temporary U.S. Resident Visa

CTZFOR

E9. Of which foreign country are you a citizen?

FOREIGN COUNTRY

FNCCD

FNCRGN

E10. What is your birthdate?

Month Day Year **19**

Variables derived from external sources:

AGE

AGEP*

AGEGR

ASIAN

BLACK

BTHRGN

BTHST*

BTHUS

EDDAD

EDMOM

GENDER*

HISPANIC

HISPCAT

MINRTY*

NATIVE

PACIFIC

RACEM

RACETHM

RACETHMP*

RESPLCUS

RESPLOC

RESPLO3

SRVMODE*

WHITE

E11. The next several questions are designed to help us better understand the career paths of individuals with different physical abilities.

E12. What is the USUAL degree of difficulty you have with...

Mark one answer for each item.

DIFSEE

1 SEEING words or letters in ordinary newsprint (with glasses/contact lenses, if you usually wear them) 1 ☐ None 2 ☐ Slight 3 ☐ Moderate 4 ☐ Severe 5 ☐ Unable to Do

DIFHEAR

2 HEARING what is normally said in conversation with another person (with hearing aid, if you usually wear one)..... 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐

DIFWALK

3 WALKING without human or mechanical assistance or using stairs..... 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐

DIFLIFT

4 LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries..... 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐

E13. ☐ ← Mark this box if you answered “None” to all the activities in question E12, and go to question E15.

DIFNO

E14. What is the earliest age at which you first began experiencing any difficulties in any of these areas?

AGE OR ☐ ← SINCE BIRTH ☐ DIFAGEGR ☐ HCAPIN ☐

DIFAGE

DIFBIR

E15. In case we need to clarify some of the information you have provided, please list phone numbers and an e-mail address where you can be reached.

Daytime Phone Number - -
Area Code Number

Evening Phone Number - -
Area Code Number

E-mail Address @

E16. Because we are interested in how education and employment change over time, we may be recontacting you in 2008. To help us contact you, please provide the name and contact information for two people who are likely to know where you can be reached. Do not include someone who lives in your household.

As with all the information provided in this questionnaire, complete confidentiality will be provided. These people will only be contacted if we have difficulty contacting you in 2008.

First Name MI Last Name

Number and Street

City/Town State ZIP Code

Country (if outside of U.S.)

- -
Area Code Number

First Name MI Last Name

Number and Street

City/Town State ZIP Code

Country (if outside of U.S.)

- -
Area Code Number

E17. PLEASE TURN TO THE BACK COVER FOR THE LAST QUESTION (E18).

JOB CATEGORY

If you cannot find the code that best describes your job, use the "OTHER" code under the most appropriate broad category. If none of the codes fit your job, use Code 500.

• Biological/Life Scientists	021	Agricultural and food scientists	025	Medical scientists (excluding practitioners)
	022	Biochemists and biophysicists	026	Technologists and technicians in the biological/life sciences
	023	Biological scientists (e.g., botanists, ecologists, zoologists)	027	OTHER biological and life scientists
	024	Forestry and conservation scientists		
• Clerical/Administrative Support Occupations	031	Accounting clerks and bookkeepers	033	OTHER administrative (e.g., record clerks, telephone operators)
	032	Secretaries, receptionists, typists		
• Clergy/Other Religious Workers	040	Clergy and other religious workers		
• Computer Occupations <i>Also consider 173 Operations research analysts, including modeling</i>	***	Computer engineers – <i>Also consider 087 Computer engineers – hardware and 088 Computer engineers – software</i>	055	Database administrators
	051	Computer & information scientists, research	056	Network and computer systems administrators
	052	Computer programmers (business, scientific, process control)	057	Network systems and data communications analysts
	053	Computer support specialists	058	OTHER computer and information science occupations
	054	Computer system analysts		
• Consultants	<i>Find the category on page 13 or 14 that comes closest to your field of consulting and select the code</i>			
• Counselors	070	Counselors (Educational, vocational, mental health and substance abuse) <i>Also consider 236 Psychologists, including clinical</i>		
• Engineers/Architects <i>Also consider 100 to 104 under Engineering Technologists, Technicians and Surveyors</i>	081	Architects	090	Environmental engineers
	082	Aeronautical/aerospace/astronautical engineers	091	Industrial engineers
	083	Agricultural engineers	092	Marine engineers and naval architects
	084	Bioengineers or biomedical engineers	093	Materials and metallurgical engineers
	085	Chemical engineers	094	Mechanical engineers
	086	Civil, including architectural/sanitary engineers	095	Mining and geological engineers
	087	Computer engineers – hardware	096	Nuclear engineers
	088	Computer engineers – software	097	Petroleum engineers
	089	Electrical and electronics engineers	098	Sales engineers
			099	OTHER engineers
• Engineering Technologists/Technicians/Surveyors	100	Electrical, electronic, industrial, and mechanical technicians	103	OTHER engineering technologists and technicians
	101	Drafting occupations, including computer drafting	104	Surveyors, cartographers, photogrammetrists
	102	Surveying and mapping technicians		
• Farmers/Foresters/Fishermen	110	Farmers, foresters and fishermen		
• Health Occupations	111	Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)	113	Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians)
	112	Registered nurses, pharmacists, dieticians, therapists, physician assistants	114	OTHER health occupations
	236	Psychologists, including clinical – <i>Also consider 070 Counselors</i>		
• Lawyers/Judges	120	Lawyers, judges		
• Librarians/Archivists/Curators	130	Librarians, archivists, curators		
• Managers and Supervisors, First-Line	<i>Find the category on page 13 or 14 that best describes the occupation of the people you manage and select the code</i>			
• Managers, Top-level Executives/Administrators	141	Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)		
• Managers, Other <i>People who manage other managers</i>	142	Computer and information systems managers		
	143	Engineering managers		
	144	Medical and health services managers		
	145	Natural sciences managers		
	146	Education administrators (e.g., registrar, dean, principal)		
	147	OTHER mid-level managers		

JOB CATEGORY (Continued)

• Management-Related Occupations <i>Also consider 141 to 147 under Managers, Other</i>	151	Accountants, auditors, and other financial specialists	153	OTHER management related occupations
	152	Personnel, training, and labor relations specialists		
• Mathematical Scientists	171	Actuaries	174	Statisticians
	172	Mathematicians	175	Technologists and technicians in the mathematical sciences
	173	Operations research analysts, including modeling	176	OTHER mathematical scientists
• Physical Scientists	191	Astronomers	195	Oceanographers
	192	Atmospheric and space scientists	196	Physicists, except biophysicists
	022	Biochemists and biophysicists	197	Technologists and technicians in the physical sciences
	193	Chemists, except biochemists	198	OTHER physical scientists
	194	Geologists, including earth scientists		
• Research Associates/ Assistants	<i>Find the category on page 13 or 14 that comes closest to your research field and select the code</i>			
• Sales/Marketing Occupations	200	Insurance, securities, real estate, and business services	202	Sales occupations – retail (e.g., furnishings, clothing, motor vehicles, cosmetics)
	201	Sales occupations – commodities except retail (e.g., industrial machinery/equipment/supplies, medical and dental equip./supplies)	203	OTHER marketing and sales occupations
• Service Occupations, Except Health <i>Also consider 111 to 114 under Health Occupations</i>	221	Food preparation and service (e.g., cooks, waitresses, bartenders)	223	OTHER service occupations, except health (e.g., probation officers, human services workers)
	222	Protective services (e.g., fire fighters, police, guards, wardens, park rangers)		
• Social Scientists	231	Anthropologists	236	Psychologists, including clinical – <i>Also consider 070 Counselors</i>
	232	Economists	237	Sociologists
	233	Historians	238	OTHER social scientists
	235	Political scientists		
• Social Workers	240	Social workers		
• Teachers—Precollege	251	Pre-kindergarten and kindergarten	255	Secondary – other subjects
	252	Elementary	256	Special education – primary and secondary
	253	Secondary – computer, math, or sciences	257	OTHER precollegiate area
	254	Secondary – social sciences		
• Teachers/Professors—Postsecondary	271	Agriculture	283	History
	272	Art, Drama, and Music	286	Mathematics and Statistics
	273	Biological Sciences	287	Health and Related Sciences
	274	Business, Commerce and Marketing	288	Physical Education
	275	Chemistry	289	Physics
	276	Computer Science	290	Political Science
	277	Earth, Environmental, and Marine Science	291	Psychology
	278	Economics	293	Sociology
	279	Education	297	OTHER Natural Sciences
	280	Engineering	298	OTHER Social Sciences
	281	English	299	OTHER Postsecondary fields
	282	Foreign Language		
• Teachers—Other	300	OTHER teachers and instructors (e.g., private tutors, dance or flying instructors, martial arts instructors)		
• Writers/Editors/Public Relations Specialists/Artists/Entertainers/Broadcasters	010	Writers, editors, public relations specialists, artists, entertainers, broadcasters		
• Other Professions	401	Construction and extraction occupations	403	Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, assemblers, printing occupations, tailors, shoemakers, photographic process)
	402	Installation, maintenance, and repair occupations	405	Transportation and material moving occupations
• OTHER OCCUPATIONS	500	OTHER OCCUPATIONS (Not Listed)		

E18. How would you like to complete future rounds of this survey?

Mark one answer.

- 1 ☐ A questionnaire sent in the mail
- 2 ☐ A questionnaire that you could fill out on the World Wide Web
- 3 ☐ A telephone interview
- 4 ☐ No preference

THANK YOU FOR COMPLETING THE QUESTIONNAIRE.

Please return the completed form in the postage-paid envelope provided.

If you cannot find the envelope or want another, call 1-800-685-1663, or you may request an envelope at the NORC 2006 Survey of Doctorate Recipients Website. Follow the “Request an Envelope” link at www.norc.uchicago.edu/sdr.

Our mailing address is:

**2006 Survey of Doctorate Recipients
c/o National Opinion Research Center
1 North State, 16th Floor
Chicago, IL 60602-3305**

- **Results of the Survey of Doctorate Recipients can be found on the National Science Foundation’s Website at <http://www.nsf.gov/statistics/doctoratework>.**
- **You are not required to respond to any information collection unless it displays a valid approval number from the Office of Management and Budget. The approval number for this survey is 3145-0020.**

COMMENTS ABOUT THIS SURVEY: